#6

ATTORNEY DOCKET NO.: FREI.P-049

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Giotta		
Serial No.:	09/750,009	Examiner:	M. H. Rinehart
Filing date:	December 27, 2000	Group Art No.	2152
Confirmation No.:	6616		
Title:	Scaleable Message System		

OFFICIAL

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GROUP 2100

SUPPLEMENTAL PETITION TO MAKE SPECIAL

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
Fax No. 703-872-9306

Sir:

This paper supplements the Petition To Make Special filed on August 18, 2003.

Enclosed, please find a medical certificate from Dr. Eugster and an English translation thereof.

Respectfully submitted,

OPPEDAHL & LARSON LLP

Carl Oppedahl

Carl Oppedahl, PTO Reg. No. 32,746
P.O. Box 5068
Dillon, CO 80435-5068
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CERTIFICATE OF FACSIMILE TRANSMISSION

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Name: Lori South

Lori South

Signature

8-28-03

Date of Signature

Received from < 9704680104 > at 8/28/03 3:45:20 PM [Eastern Daylight Time]

Dr. med. Th. Eugster
Facharzt Innere Medizin FMH
Lindstr. 40
8400 Winterthur

Telefon: 0522026142
Telefax: 0522134802
E-Mail: Thomas.Eugster@hin.ch

Softwired AG
Frau Brigitte Bader
Stationsstr. 11
8906 Bonstetten

Winterthur, 27. August 2003/JM

Aerztliches Zeugnis

Betrifft: Giotta Paul, Bruehlgartenstr. 31, 8400 Winterthur
Geb.Datum 26.06.1964, Tel. P: 052 202 69 13

Sehr geehrte Damen und Herren

Hiermit wird bestätigt, dass Herr Giotta an einer schweren Krankheit leidet. Der weitere Verlauf ist ungewiss, unter Umständen ist die weitere Lebenserwartung von Herrn Giotta deutlich eingeschränkt.

Mit freundlichen Grüssen

Dr. med. Th. Eugster

BEST AVAILABLE COPY

Direct Translation German – English

28th August 2003 / bb

Dr. med. Th. Eugster
Medical Specialist Internal Medicine FMH (Federation of the Medical Profession in Switzerland)
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Softwired AG
Ms. Brigitte Bader
Stationsstr. 11
8806 Bonstetten
Switzerland

Winterthur, 27th August 2003/JM

Medical Certificate

Re: Giotta Paul, Bruehlgartenstr. 31, 8400 Winterthur, Switzerland
Born on 26.06.1964, Ph. Private: +41-52 202 6913

Dear Sir or Madam

Hereby it is confirmed that Mr. Giotta suffers from a grave illness. The further progression is uncertain, Mr. Giotta's further life expectancy is clearly limited under these circumstances.

Kind regards,

Dr. med. Th. Eugster

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#4

ATTORNEY DOCKET NO.: FREI.P-049

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Giotta	
Serial No.:	09/750,009	Examiner: M. H. Rinehart
Filing date:	December 27, 2000	Group Art No. 2152
Confirmation No.:	6616	
Title:	Scaleable Message System	

SUPPLEMENTAL PETITION TO MAKE SPECIAL

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
Fax No. 703-872-9306

Sir:

This paper supplements the Petition To Make Special filed on August 18, 2003.

Enclosed, please find a medical certificate from Dr. Eugster and an English translation thereof.

Respectfully submitted,

OPPEDAHL & LARSON LLP

Carl Oppedahl

Carl Oppedahl, PTO Reg. No. 32,746
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Tel: (970) 468-6600 Fax: (970) 468-0104

CERTIFICATE OF FACSIMILE TRANSMISSION

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August 28, 2003

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Second Amendment (19 pages)
Fee Transmittal (in duplicate)
IDS & PTO-1449 (3 pages)
Copy of first page of WO 991/12365 (1 page)
Copy of Abstract (English translation) and first page of DE 199 61 345 A1 (2 pages)
Copy of first page of WO 01/13656 A1 (1 page)
Copy of first page of WO 01/41472 A1 (1 page)
Copy of first page of WO 01/67716 A1 (1 page)

This collection of information is required by 37 CFR 1.8. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.8 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: **Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS	:	Barry J. Gilhuly et al.
TITLE	:	System and Method for Pushing Information from a Host System to a Mobile Data Communication Device
SERIAL NO.	:	09/401,868
FILING DATE	:	September 23, 1999
EXAMINER	:	Edelman, Bradley E.
GROUP ART UNIT	:	2153
ATTORNEY DOCKET NO.	:	555255012109

Second Amendment

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This Amendment responds to a phone conference between the Examiner and applicants Attorney which took place on August 26, 2003. Any fees due for filing this Amendment are authorized to be charged to Jones Day Deposit Account No. 501432, ref: 555255012109.

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Amendments to the Specification

Please change the title of the application as follows:

System and method for ~~pushing information from a host system to a mobile data communication device~~ transmitting messages originating from a wireless device

Please amend the abstract as follows:

A system and method for pushing information from a host system to a mobile data communication device upon sensing a triggering event is disclosed. A redirector program operating at the host system enables a user to continuously redirect certain user-selected data items from the host system to the user's mobile data communication device upon detecting that one or more user-defined triggering events has occurred. The redirector program operates in connection with event-generating applications and repackaging systems at the host system to configure and detect a particular user-defined event, and then to repackage the user-selected data items in an electronic wrapper prior to pushing the data items to the mobile device. The mobile data communication device may originate new messages or reply messages to previously received information, such messages being transmitted to a wireless redirector host system, which then transmits a copy of the messages to both the intended recipient and a first electronic mail account associated with the mobile data communication device.

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Amendments to the Claims

55. (Currently Amended) A method of transmitting electronic mail messages from a message sender to a message recipient having a wireless mobile data communication device, and of transmitting reply messages from the message recipient to the message sender, comprising the steps of:

~~(A)~~ addressing an original electronic mail message to a first electronic mail account associated with the message recipient, wherein the first electronic mail account is a memory store associated with a messaging host system coupled to a wide area wired network;

~~(B)~~ transmitting the original electronic mail message to the messaging ~~server~~ host system and storing the original electronic mail message in the first electronic mail account;

~~(C)~~ generating a copy of the original electronic mail message, wherein the copy is addressed to a second electronic mail account associated with the wireless mobile data communication device;

~~(D)~~ forwarding the copy to a wireless redirector host system via the wide area wired network coupling the messaging host system to the wireless redirector host system, wherein the original electronic mail message remains stored in the first electronic mail account;

~~(E)~~ storing the copy in the second electronic mail account associated with the wireless mobile data communication device;

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(F) detecting the copy in the second electronic mail account and transmitting the copy from the wireless redirector host system to the message recipients' wireless mobile data communication device via a wide area wireless network;

(G) generating a reply message to the copy at the wireless mobile data communication device and transmitting the reply message to the wireless redirector host system;

(H) preparing two copies of the reply message at the wireless redirector host system and addressing a first copy of the reply message to the message sender and addressing a second copy of the reply message to the first electronic mail account; and

(I) transmitting the first copy of the reply message to the message sender via the wide area wired network and transmitting the second copy of the reply message to the messaging host server via the wide area wired network.

56. (Currently Amended) The method of claim 55, further comprising the steps of:

(J) storing the second copy of the reply message in the first electronic mail account; and

(K) determining that the second copy of the reply message is not an original message addressed to the first electronic mail account and preventing the forwarding of the second copy of the reply message from the messaging host system to the wireless redirector host system.

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57. (Currently Amended) The method of claim 55, further comprising the steps of:

prior to transmitting the first copy of the reply message to the message sender, ~~(J)~~ configuring addressing information of the first copy so that the first copy of the reply message is addressed as originating from the first electronic mail account associated with the messaging host system.

58. (Currently Amended) The method of claim 55, further comprising the steps of:

~~(J)~~ accessing the first electronic mail account via a computer coupled to the messaging host system via the wide area wired network;

~~(K)~~ generating a reply message to the original electronic mail message stored in the first electronic mail account; and

~~(L)~~ transmitting the reply message to the message sender.

59. (Cancelled)

60. (Currently Amended) A method of transmitting messages originating from a wireless device associated with a first electronic mail account maintained at a messaging host system, comprising the steps of:

~~(A)~~ generating an original message at the wireless device, wherein the original message is addressed to a message recipient;

~~(B)~~ transmitting the original message from the wireless device to a wireless redirector host system via a wireless network;

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(C) receiving the original message at the wireless redirector host system and preparing two copies of the original message, a first copy addressed to the message recipient, and a second copy addressed to the first electronic mail account maintained at the messaging host system, wherein the first copy is addressed as originating from the first electronic mail account and the second copy is addressed as originating from the wireless device; and

(D) transmitting the first copy from the wireless redirector host system to the message recipient and transmitting the second copy from the wireless redirector host system to the messaging host system where the second copy is stored in the first electronic mail account.

61. (Currently Amended) The method of claim 60, further comprising the steps of:

(E) placing the original message in an electronic envelope addressed to a second electronic mail account maintained at the wireless redirector host system;

(F) transmitting the electronic envelope from the wireless device to the wireless redirector host system and storing the electronic envelope in the second electronic mail account; and

(G) detecting the electronic envelope in the second electronic mail account at the wireless redirector host system and retrieving the original message from the electronic envelope.

62. (Currently Amended) The method of claim 60, further comprising the steps of:

(E) detecting the second copy stored in the first electronic mail account;

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(F) determining that the second copy is a message originating from the wireless device; and

(G) preventing the messaging host system from forwarding the second copy back to the wireless redirector host system.

63. (Cancelled)

64. (New) The method of claim 60, further comprising the steps of:

receiving a message at the first electronic mail account from an external source;

detecting the message in the first electronic mail account;

forwarding a copy of the message to the wireless redirector host system;

determining whether the message should be redirected from the wireless redirector host system to the wireless device; and

if the message should be redirected, then packaging the message into an electronic envelope and transmitting the electronic envelope to the wireless device.

65. (New) The method of claim 64, wherein the detecting step includes the steps of:

determining whether a new message has been received at the first electronic mail account; and

checking a forwarding file coupled to the messaging host system to determine whether to redirect the new message to the wireless redirector host system.

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66. (New) The method of claim 65, wherein the forwarding file includes a list of system addresses where the new message should be forwarded by the messaging host system.

67. (New) The method of claim 60, further comprising the steps of:

configuring a set of filtering rules for use by the wireless redirector host system in determining whether messages should be redirected; and

providing an access mechanism that allows a user of the wireless device to remotely configure and reconfigure the filtering rules.

68. (New) The method of claim 60, further comprising the steps of:

configuring a user profile database for use by the wireless redirector host system in determining whether messages should be redirected; and

providing an access mechanism that allows a system administrator of the messaging host system to remotely configure and reconfigure the user profile database.

69. (New) The method of claim 64, further comprising the steps of:

receiving the electronic envelope at the wireless device;

extracting the message from the electronic envelope; and

storing the message within the memory of the wireless device.

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70. (New) The method of claim 60, wherein the messages are E-mail messages, and the messaging host system is an E-mail host system.

71. (New) The method of claim 60, wherein the wireless device is a laptop computer.

72. (New) The method of claim 60, wherein the wireless device is a two-way paging computer.

73. (New) The method of claim 72, wherein the two-way paging computer includes a wireless network interface for communicating with the wireless redirector host system via a wireless data network.

74. (New) The method of claim 73, wherein the wireless redirector host system is coupled to the wireless data network via a wireless gateway system.

75. (New) The method of claim 60, wherein the wireless device is a capable of voice and data communications.

76. (New) The method of claim 60, wherein the messaging host system is an Internet Service Provider.

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77. (New) The method of claim 76, wherein the messages are E-mail messages, and the Internet Service Provider includes a mail server program.

78. (New) The method of claim 77, wherein the Internet Service Provider further includes a forwarding database coupled to the mail server program for detecting whether a new message received at the mail server should be forwarded to a wireless redirector host system, and for determining the electronic address of that wireless redirector host system.

79. (New) The method of claim 60, wherein the messaging host system and the wireless redirector host system are coupled via the Internet.

80. (New) The method of claim 67, wherein the access mechanism for remotely configuring and reconfiguring the filtering rules is a web-page interface.

81. (New) The method of claim 68, wherein the access mechanism for remotely configuring and reconfiguring the user profile database is a web-page interface.

82. (New) The method of claim 60, further comprising the steps of:

detecting a message for the user of the wireless device at the messaging host system;

forwarding a copy of the message from the messaging host system to the wireless redirector host system;

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receiving the forwarded message at the wireless redirector host system and applying a set of user-defined filtering rules that determine whether or not to redirect the message to the user's wireless device via a wireless network coupled to the wireless redirector host system; and

if the filtering rules determine that the message is of the type that should be redirected, then redirecting the message to the user's wireless device by packaging the message in an electronic envelope that includes the wireless network address of the user's wireless device.

83. (New) The method of claim 82, further comprising the steps of:

providing a filter rules database for storing the user-defined filter rules; and

providing an interface mechanism to the filter rules database through which the user may define and re-define the filtering rules.

84. (New) The method of claim 83, wherein the interface mechanism is a web page interface.

85. (New) The method of claim 84, wherein the web page interface includes an activation/deactivation switch for turning on/off the operation of the wireless redirector host system for a particular user.

86. (New) The method of claim 60, wherein the original message is a reply message to a message received at the wireless device from the message recipient.

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87. (New) The method of claim 60, wherein the step of transmitting the original message from the wireless device to a wireless redirector host system further comprises the steps of:

transmitting the original message from the wireless device to a wireless gateway via the wireless network; and

transmitting the original message from the wireless gateway to the wireless redirector host system.

88. (New) The method of claim 60, wherein the messaging host system is a web-based E-mail hosting service.

89. (New) A system for transmitting messages, comprising:

a wireless device for originating a message addressed to a message recipient, wherein the wireless device is associated with a first electronic mail account maintained at a messaging host system; and

a wireless redirector host system for receiving the originated message via a wireless network from the wireless device, wherein the wireless redirector host system prepares two copies of the originated message, a first copy addressed to the message recipient, and a second copy addressed to the first electronic mail account maintained at the messaging host system, wherein the first copy is addressed as originating from the first electronic mail account and the second copy is addressed as originating from the wireless device; and

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wherein the wireless redirector host system transmits the first copy to the message recipient and transmits the second copy to the messaging host system where the second copy is stored in the first electronic mail account.

90. (New) The system of claim 89,

wherein the wireless device places the originating message in an electronic envelope addressed to a second electronic mail account maintained at the wireless redirector host system and transmits the electronic envelope to the wireless redirector host system, the electronic envelope being stored in the second electronic mail account; and

wherein the wireless redirector host system detects the electronic envelope in the second electronic mail account and retrieves the originating message from the electronic envelope.

91. (New) The system of claim 89, wherein the messaging host system detects the second copy stored in the first electronic mail account, determines that the second copy is a message originating from the wireless device, and is prevented from forwarding the second copy back to the wireless device.

92. (New) The system of claim 89, further comprising:

an external source which transmits a message to the first electronic mail account;

the messaging host server detecting the message in the first electronic mail account and forwarding a copy of the message to the wireless redirector host system;

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the wireless redirector host system determining whether the message should be redirected to the wireless device, and if the message should be redirected, then packaging the message into an electronic envelope and transmitting the electronic envelope to the wireless device.

93. (New) The system of claim 92, wherein the messaging host system determines whether a new message has been received at the first electronic mail account and checks a forwarding file coupled to the messaging host system to determine whether to redirect the new message to the wireless redirector host system.

94. (New) The system of claim 93, wherein the forwarding file includes a list of system addresses where the new message should be forwarded by the messaging host system.

95. (New) The system of claim 89, further comprising:

a set of filtering rules configured for use by the wireless redirector host system in determining whether messages should be redirected; and

an access mechanism that allows a user of the wireless device to remotely configure and reconfigure the filtering rules.

96. (New) The system of claim 89, further comprising:

a user profile database configured for use by the wireless redirector host system in determining whether messages should be redirected; and

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an access mechanism that allows a system administrator of the messaging host system to remotely configure and reconfigure the user profile database.

97. (New) The system of claim 89, wherein the messages are E-mail messages, and the messaging host system is an E-mail host system.

98. (New) The system of claim 89, wherein the wireless device is a laptop computer.

99. (New) The system of claim 89, wherein the wireless device is a two-way paging computer.

100. (New) The system of claim 99, wherein the two-way paging computer includes a wireless network interface for communicating with the wireless redirector host system via a wireless data network.

101. (New) The system of claim 100, wherein the wireless redirector host system is coupled to the wireless data network via a wireless gateway system.

102. (New) The system of claim 89, wherein the wireless device is a capable of voice and data communications.

103. (New) The system of claim 89, wherein the messaging host system is an Internet Service Provider.

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104. (New) The system of claim 103, wherein the messages are E-mail messages, and the Internet Service Provider includes a mail server program.

105. (New) The system of claim 104, wherein the Internet Service Provider further includes a forwarding database coupled to the mail server program for detecting whether a new message received at the mail server should be forwarded to a wireless redirector host system, and for determining the electronic address of that wireless redirector host system.

106. (New) The system of claim 89, wherein the messaging host system and the wireless redirector host system are coupled via the Internet.

107. (New) The system of claim 95, wherein the access mechanism for remotely configuring and reconfiguring the filtering rules is a web-page interface.

108. (New) The system of claim 96, wherein the access mechanism for remotely configuring and reconfiguring the user profile database is a web-page interface.

109. (New) The system of claim 89,

wherein the messaging host system detects a message for the user of the wireless device and forwards a copy of the message to the wireless redirector host system;

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wherein the wireless redirector host system receives the forwarded message and applying a set of user-defined filtering rules that determine whether or not to redirect the message to the user's wireless device via a wireless network coupled to the wireless redirector host system, and if the filtering rules determine that the message is of the type that should be redirected, then the wireless redirector host system redirects the message to the user's wireless device by packaging the message in an electronic envelope that includes the wireless network address of the user's wireless device.

110. (New) The system of claim 109, further comprising:

a filter rules database for storing the user-defined filter rules; and

an interface mechanism to the filter rules database through which the user may define and re-define the filtering rules.

111. (New) The system of claim 110, wherein the interface mechanism is a web page interface.

112. (New) The system of claim 111, wherein the web page interface includes an activation/deactivation switch for turning on/off the operation of the wireless redirector host system for a particular user.

113. (New) The system of claim 89, wherein the originating message is a reply message to a message received at the wireless device from the message recipient.

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114. (New) The system of claim 89, wherein the messaging host system is a web-based E-mail hosting service.

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Remarks

This Amendment responds to the telephone conference between the Examiner and applicant's attorney. In this phone conference, the Examiner indicated that claims 55-58 and 60-62 were in condition for allowance, with the exception of a minor typographical error in claim 55. Claim 55 has now been amended to correct this error and claims 59 and 63 have been cancelled. Therefore, claims 55-58 and 60-62 are allowable.

New claims 64-88 depend from claim 60 and thus are in condition for allowance.

New claims 89-114 are system claims that correspond to method claims 64-88 and thus are in condition for allowance.

Respectfully submitted,

David B. Cochran
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FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT ($) 180.00

Complete If Known	
Application Number	09/401,868
Filing Date	09/23/1999
First Named Inventor	Barry J. Gilhuly
Examiner Name	B. Edelman
Art Unit	2153
Attorney Docket No.	555255012109

METHOD OF PAYMENT *(check all that apply)*

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number: 501432 (555255012109)

Deposit Account Name: Jones Day

The Director is authorized to: *(check all that apply)*

☒ Charge fee(s) indicated below ☒ Credit any overpayments

☐ Charge any additional fee(s) during the pendency of this application

☐ Charge fee(s) indicated below, except for the filing fee

to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code	Large Entity Fee ($)	Small Entity Fee Code	Small Entity Fee ($)	Fee Description	Fee Paid
1001	750	2001	375	Utility filing fee	
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1) ($) 0

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

	Extra Claims		Fee from below	=	Fee Paid
Total Claims		-20** =		x	=
Independent Claims		- 3** =		x	=
Multiple Dependent					=

Large Entity Fee Code	Large Entity Fee ($)	Small Entity Fee Code	Small Entity Fee ($)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	84	2201	42	Independent claims in excess of 3
1203	280	2203	140	Multiple dependent claim, if not paid
1204	84	2204	42	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) ($) 0

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code	Large Entity Fee ($)	Small Entity Fee Code	Small Entity Fee ($)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for *ex parte* reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	410	2252	205	Extension for reply within second month	
1253	930	2253	465	Extension for reply within third month	
1254	1,450	2254	725	Extension for reply within fourth month	
1255	1,970	2255	985	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,300	2453	650	Petition to revive - unintentional	
1501	1,300	2501	650	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	180
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	750	2810	375	For each additional invention to be examined (37 CFR 1.129(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid SUBTOTAL (3) ($) 180.00

(Complete *if applicable*)

SUBMITTED BY					
Name (Print/Type)	David B. Cochran	Registration No. (Attorney/Agent)	39,142	Telephone	216/586-3939
Signature				Date	8/28/03

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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PTO/SB/17 (08-03)
Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT ($) 180.00

Complete if Known	
Application Number	09/401,868
Filing Date	09/23/1999
First Named Inventor	Barry J. Gilhuly
Examiner Name	B. Edelman
Art Unit	2153
Attorney Docket No.	555255012109

METHOD OF PAYMENT *(check all that apply)*

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number: 501432 (555255012109)

Deposit Account Name: Jones Day

The Director is authorized to: *(check all that apply)*

☒ Charge fee(s) indicated below ☒ Credit any overpayments

☐ Charge any additional fee(s) during the pendency of this application

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code	Large Entity Fee ($)	Small Entity Fee Code	Small Entity Fee ($)	Fee Description	Fee Paid
1001	750	2001	375	Utility filing fee	
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1) ($) 0

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

	Extra Claims		Fee from below	Fee Paid
Total Claims		-20** =		x =
Independent Claims		- 3** =		x =
Multiple Dependent				=

Large Entity Fee Code	Large Entity Fee ($)	Small Entity Fee Code	Small Entity Fee ($)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	84	2201	42	Independent claims in excess of 3
1203	280	2203	140	Multiple dependent claim, if not paid
1204	84	2204	42	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) ($) 0

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code	Large Entity Fee ($)	Small Entity Fee Code	Small Entity Fee ($)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for *ex parte* reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
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1253	930	2253	465	Extension for reply within third month	
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1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
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1501	1,300	2501	650	Utility issue fee (or reissue)	
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1503	630	2503	315	Plant issue fee	
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1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	180
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	750	2810	375	For each additional invention to be examined (37 CFR 1.129(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid SUBTOTAL (3) ($) 180.00

(Complete *(if applicable)*)

SUBMITTED BY				
Name (Print/Type)	David B. Cochran	Registration No. (Attorney/Agent)	39,142	Telephone 216/586-3939
Signature				Date 8/28/03

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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PATENT

Attorney Docket No. 555255012109

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:	Barry J. Gilhuly, et al.
Serial No.:	09/401,868
Filed:	September 23, 1999
For:	SYSTEM AND METHOD FOR PUSHING INFORMATION FROM A HOST SYSTEM TO A MOBILE DATA COMMUNICATION DEVICE
Art Unit:	2153
Examiner:	Bradley Edelman

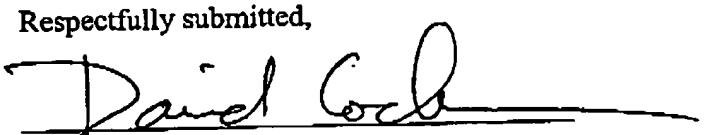
Commissioner For Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure imposed by 37 C.F.R. § 1.56, applicants hereby advise the United States Patent and Trademark Office of certain references which may be material to the determination of patentability of the above-identified application. The references are identified on the attached Form PTO-1449 and copies of the references are enclosed. Applicants respectfully request that these references be considered and made of record in the present application by completing and returning the enclosed Form PTO-1449.

Please charge the fee of $180 for entry of this Information Disclosure Statement (37 C.F.R. § 1.17(p) to Jones Day's Deposit Account No. 501432, Reference No. 555255012109.

Respectfully submitted,



David B. Cochran
Reg. No. 39,142
JONES, DAY
North Point
901 Lakeside Avenue
Cleveland, Ohio 44114
(216) 586-3939

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FORM PTO-1449 (Modified)
U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT BY APPLICANT
(Use several sheets if necessary)

(37 CFR 1.98(b))

Atty Docket No.:	555255012109
Application No.:	09/401868
Applicants:	Barry J. Gilhuly, et al.
Filing Date:	September 23, 1999
Group:	2153

U.S. PATENT (AND PATENT PUBLICATION) DOCUMENTS

Exam. Init.		Document No.	Date MM/DD/YYYY	Name	Class	Subclass	Filing Date
	AA	5 5 4 8 7 8 9	08/20/1996	Nakanura			
	AB	5 7 6 4 8 9 9	06/09/1998	Eggleston et al.			
	AC	5 7 7 1 3 5 3	06/23/1998	Eggleston et al.			
	AD	5 8 1 2 7 7 3	09/22/1998	Norin			
	AE	5 8 8 1 2 3 5	03/09/1999	Mills			
	AF	5 9 4 3 4 2 6	08/24/1999	Frith et al.			
	AG	5 9 5 8 0 0 6	09/28/1999	Eggleston et al.			
	AH	6 0 0 9 1 7 3	12/28/1999	Sumner			
	AI	6 0 5 2 4 4 2	04/18/2000	Cooper et al.			
	AJ	6 0 6 7 5 6 1	05/23/2000	Dillon			
	AK	6 0 7 3 1 3 7	06/06/2000	Brown et al.			
	AL	6 0 7 2 8 6 2	06/06/2000	Srinivasan			
	AM	6 1 1 2 2 4 4	08/29/2000	Moore et al.			
	AN	6 2 1 9 6 9 4	04/17/2001	Lazaridis et al.			
	AO	0 0 1 5 9 7 7	08/23/2001	Johansson			
	AP	6 3 2 4 5 8 7	11/27/2001	Trenbeath et al.			
	AQ	0 0 5 9 3 8 0	05/16/2002	Biliris et al.			
	AR	6 4 4 9 2 8 7	09/10/2002	Leuca et al.			
	AS	6 4 7 0 3 5 8	10/22/2002	Beyda et al.			
	AT	6 4 8 7 5 6 0	11/26/2002	LaRue et al.			
	AU						

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

Exam. Init.		Document Number	Publication Date of the Grant	Country or Patent Office	Class	Subclass	Translation Yes	Translation No
	AV	9 9 1 2 3 6 5	03/11/1999	WO				
	AW	19 9 6 1 3 4 5	12/17/1999	DE (with Abstract in English)				
	AX	0 1 1 3 6 5 6	02/22/2001	WO				
	AY	0 1 4 1 4 7 2	06/07/2001	WO				
	AZ	0 1 6 7 7 1 6	09/13/2001	WO				

Received from < 2165790212 > at 8/28/03 1:58:19 PM [Eastern Daylight Time]

OTHER DOCUMENTS (Including Author, Title, Date**, Relevant pages, Place of Publication***)		
	AAA	Motorola, "Air*Mobile*™ Wireless Comm Guide for cc:Mail" User Guide Version 1.0, Motorola Wireless Data Group, 1995, pp. 3-48
	ABB	Motorola, "Air*Mobile*™ Wireless Comm Server for cc:Mail" User Guide Version 1.1, Motorola Wireless Data Group, 1995, pp. 4-46
	ACC	Sun Microsystems, JavaMail API Design Specification, Version 1.0, December 9,1997, Sun Microsystems, Inc., chapters 1-10 appendices A-E
	ADD	Compaq, Zero 2100 Series Color Palm-size PC Reference Guide, Second Edition, August 1999, Compaq Corporation

Examiner	Date Considered

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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PCT WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6 : H04Q 7/22, H04L 29/06, H04M 7/12 // 3/50 — A1

(11) International Publication Number: WO 99/12365

(43) International Publication Date: 11 March 1999 (11.03.99)

(21) International Application Number: PCT/SE98/01349

(22) International Filing Date: 8 July 1998 (08.07.98)

(30) Priority Data:
9703121-5 29 August 1997 (29.08.97) SE

(71) Applicant *(for all designated States except US)*: TELIA AB (publ) [SE/SE]; Mårbackagatan 11, S–123 86 Farsta (SE).

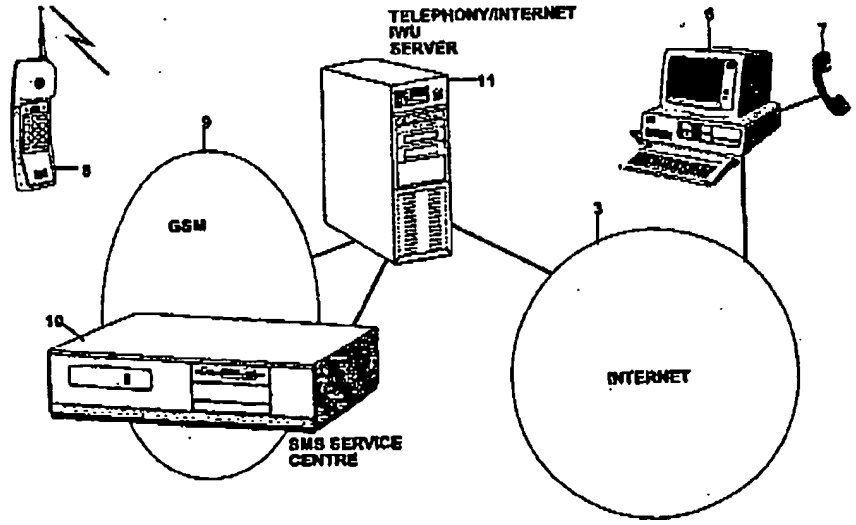
(72) Inventors; and
(75) Inventors/Applicants *(for US only)*: HYLLANDER, Klas [SE/SE]; Ruddammsvägen 41, 4tr, S–114 21 Stockholm (SE). WINROTH, Mats, Olof [SE/SE]; Lyckogången 4, S–135 54 Tyresö (SE).

(74) Agent: PRAGSTEN, Rolf; Telia Research AB, Corporate Patent Dept., Vitsandsgatan 9, S–123 86 Farsta (SE).

(81) Designated States: EE, JP, LT, LV, NO, US, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).

Published
With international search report.

(54) Title: COMMUNICATION SYSTEM INCLUDING MEANS FOR TRANSMITTING INTERNET ADDRESSES VIA SMS



(57) Abstract

The invention provides a communication system, adapted to establish connections to, and between, Internet users, including a cellular radio communication network adapted to provide a short message service (SMS), and a server adapted to facilitate the establishment of a telephony/Internet connection between a mobile subscriber station of said network and an Internet user. SMS is used to transfer, from the mobile subscriber station to the server, information identifying the Internet address for the Internet user and, from the server to the mobile subscriber station, information relating to the required connection between the mobile subscriber station and the Internet user.

Received from < 2165790212 > at 8/28/03 1:58:19 PM [Eastern Daylight Time]

Abstract (English translation)

Published Patent Application **DE 199 61 345 A1** (Robert Bosch GmbH)

Method for transmission of electronic postal messages

Proposed is a method for the transmission of electronic postal messages (1) that primarily consumes not a lot of data capacity. In doing so, a short-message-service is used, whereby with a short-message (5) in a first communications network (100) an electronic postal message (1) as well as address- and/or identification-data to be used for the transmission of the electronic postal message (1) in a second communications network (200) are transmitted. Together with the short message (5) a first header information (11) is transmitted including signaling information for at least on data field (20, 25, 30, 35), comprising address- and/or identification-data. Together with the short message (5) a second header information (12) is transmitted, pointing to existing first header information (11). The at least one data field (20, 25, 30, 35) is transmitted within a data-portion (50) of the short message (5) outside any header information.

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(19) BUNDESREPUBLIK DEUTSCHLAND

DEUTSCHES PATENT- UND MARKENAMT

(12) **Offenlegungsschrift**

(10) **DE 199 61 345 A 1**

(51) Int. Cl.[7]:
H 04 L 12/16
H 04 L 12/54

(21) Aktenzeichen: 199 61 345.1
(22) Anmeldetag: 17. 12. 1999
(43) Offenlegungstag: 21. 6. 2001

DE 199 61 345 A 1

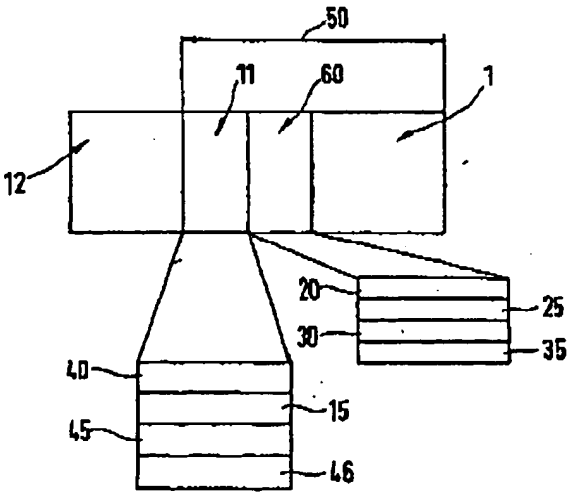
(71) Anmelder:
Robert Bosch GmbH, 70469 Stuttgart, DE

(72) Erfinder:
Laumen, Josef, 31141 Hildesheim, DE; Schmidt, Gunnar, Dr., 38304 Wolfenbüttel, DE

Die folgenden Angaben sind den vom Anmelder eingereichten Unterlagen entnommen

(54) Verfahren zur Übertragung von elektronischen Postnachrichten

(57) Es wird ein Verfahren zur Übertragung von elektronischen Postnachrichten (1) vorgeschlagen, das möglichst wenig Datenkapazität beansprucht. Dabei wird ein Kurznachrichtendienst verwendet, wobei mit einer Kurznachricht (5) in einem ersten Kommunikationsnetz (100) eine elektronische Postnachricht (1) sowie Adress- und/oder Identifikationsdaten für die Übertragung der elektronischen Postnachricht (1) in einem zweiten Kommunikationsnetz (200) übertragen werden. Mit der Kurznachricht (5) wird eine erste Kopfinformation (11) mit einer Signalisierung mindestens eines Datenfeldes (20, 25, 30, 35) übertragen, das die Adress- und/oder Identifikationsdaten umfassen. Mit der Kurznachricht (5) wird eine zweite Kopfinformation (12) übertragen, die auf das Vorhandensein der ersten Kopfinformation (11) hinweist. Das mindestens eine Datenfeld (20, 25, 30, 35) wird innerhalb eines Datenteils (50) der Kurznachricht (5) außerhalb jeder Kopfinformation übertragen.



DE 199 61 345 A 1

BNSDOCID: <DE__19961345A1_I_>

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(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
22 February 2001 (22.02.2001)

PCT

(10) International Publication Number
WO 01/13656 A1

(51) International Patent Classification[7]: H04Q 7/22, H04L 12/58

(21) International Application Number: PCT/EP00/07635

(22) International Filing Date: 7 August 2000 (07.08.2000)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/148,214 12 August 1999 (12.08.1999) US
09/630,624 3 August 2000 (03.08.2000) US

(71) Applicant: TELEFONAKTIEBOLAGET LM ERICSSON (publ) [SE/SE]; S-126 25 Stockholm (SE).

(72) Inventors: BENGTSSON, Henrik; Qvantenborgsvägen 33, S-227 38 Lund (SE). MEDVED, Ivan; Fjelievägen 15B, S-227 36 Lund (SE).

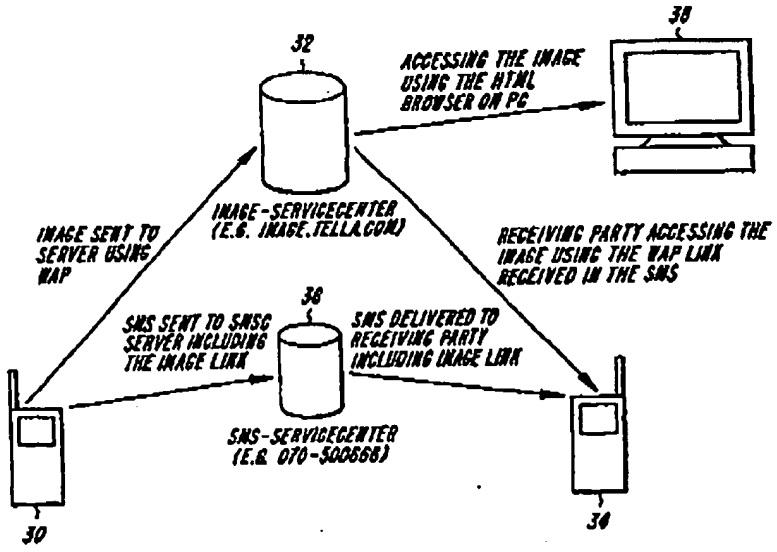
(74) Agent: ERICSSON MOBILE COMMUNICATIONS AB; IPR Dept., S-221 83 Lund (SE).

(81) Designated States *(national)*: AE, AG, AL, AM, AT, AT (utility model), AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, CZ (utility model), DE, DE (utility model), DK, DK (utility model), DM, DZ, EE, EE (utility model), ES, FI, FI (utility model), GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK (utility model), SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW.

(84) Designated States *(regional)*: ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: A SYSTEM AND METHOD FOR SENDING MULTIMEDIA ATTACHMENTS TO TEXT MESSAGES IN RADIOCOMMUNICATION SYSTEMS



(57) Abstract: Methods and systems for transmitting attachments to text messages without turning terminals into e-mail clients are described. When an attachment is to be transmitted, an address of an attachment server is appended to the text message. The text message is then forwarded to the intended recipient, e.g., via an SMS server, while the attachment is sent to the attachment server. Upon receipt of the text message, the recipient can then download the attachment from the attachment server using the address included in the text message.

WO 01/13656 A1

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(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
7 June 2001 (07.06.2001)

PCT

(10) International Publication Number
WO 01/41472 A1

(51) International Patent Classification⁷: H04Q 7/22

(21) International Application Number: PCT/EP99/09416

(22) International Filing Date: 2 December 1999 (02.12.1999)

(25) Filing Language: English

(26) Publication Language: English

(71) Applicant *(for all designated States except US)*: NOKIA NETWORKS OY [FI/FI]; Keilalahdentie 4, Fin-02150 Espoo (FI).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: TUOMAINEN, Petri [FI/FI]; Kivenlahdenkatu 3 H 91, FIN-02320 Espoo (FI). TARNANEN, Teemu [FI/FI]; Kaskipuunkaari 5 C 6, FIN-02340 Espoo (FI).

(74) Agents: PELLMANN, Hans-Bernd et al.; Tiedtke-Bühling-Kinne, Bavariaring 4, D-80336 Munich (DE).

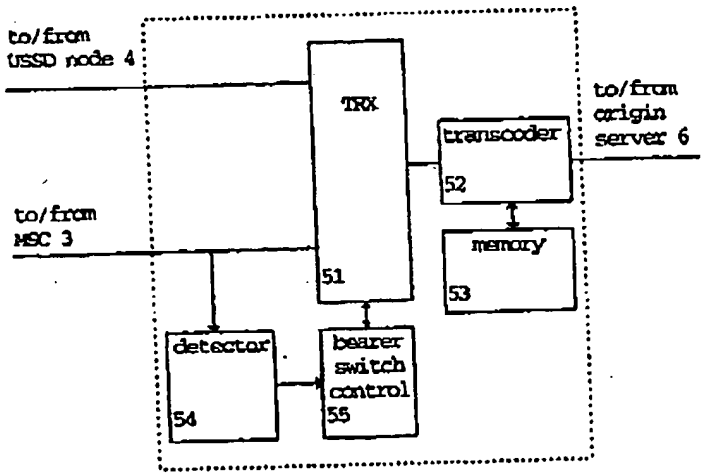
(81) Designated States *(national)*: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.

(84) Designated States *(regional)*: ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published:
— *With international search report.*

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: DATA TRANSMISSION METHOD AND APPARATUS



(57) Abstract: The present invention relates to a data transmission method and apparatus for performing a data transmission between end terminals of a telecommunication network, particularly a data transmission between an origin server and a mobile client. The data is transmitted from at least one of the end terminals using the first data bearer. Then, data transmission is switched from the first to the second data bearer, if a predetermined bearer need condition has been determined or in order to obtain a subscriber identity used for gathering charging data. Thereby, the network service provided by the operator can be improved, since the bearer switching allows an increase of the overall speed of the data transmission, an adaptation of the bearer bandwith to the data amount, and a provision of the subscriber identity. The first data bearer may be a USSD or SMS data bearer, and the second data bearer may be a circuit-switched data bearer or a GPRS bearer, or vice versa.

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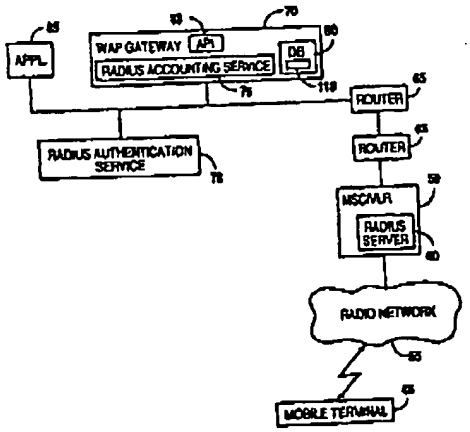
(54) Title: METHOD AND APPARATUS FOR MAPPING AN IP ADDRESS TO AN MSISDN NUMBER WITHIN A WIRELESS APPLICATION PROCESSING NETWORK



(57) Abstract: A system and method for associating an MSISDN of a mobile terminal (45) with a temporarily assigned IP address is disclosed. A first server (60) located within a wireless communications network generates and transmits a start packet to a WAP network (10) responsive to an access request by a mobile terminal (45). The start packet includes the MSISDN of the mobile terminal (45) and an assigned IP address. A second server (70) within the WAP network (10) extracts the MSISDN in the IP address from the received start packet and stores this information together within a database (80). When a WAP application (85) is utilized, the MSISDN may be determined from the database (80) and placed in an HTTP-header of packets to the WAP application (85). The database (80) may be periodically updated based upon changes between the association of the MSISDN and the assigned IP address. This process may be used for a number of things within a network including authentication, billing and personalization.

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